

Release notes for ENDF/B Development protons sublibrary

ENDF
B-VII.dev

March 3, 2017

FAILURE SUMMARY

No FAILURES found!

ERROR SUMMARY

- checkr** A variable is outside the allowed ENDF range: p-001_H_001.endf, p-001_H_002.endf, p-001_H_003.endf, p-002_He_003.endf, p-004_Be_009.endf, p-005_B_010.endf, p-006_C_012.endf, p-006_C_013.endf, p-007_N_014.endf, p-008_O_016.endf, p-013_Al_027.endf, p-014_Si_029.endf, p-014_Si_030.endf, p-015_P_031.endf, p-020_Ca_040.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-026_Fe_054.endf, p-026_Fe_056.endf, p-026_Fe_057.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_063.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-074_W_182.endf, p-074_W_183.endf, p-074_W_184.endf, p-074_W_186.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,
- checkr** Missing a section in directory so your directory is messed up. This error will break everything else: p-001_H_001.endf, p-001_H_002.endf, p-001_H_003.endf, p-002_He_003.endf, p-004_Be_009.endf, p-005_B_010.endf, p-006_C_012.endf, p-006_C_013.endf, p-007_N_014.endf, p-008_O_016.endf, p-013_Al_027.endf, p-014_Si_029.endf, p-014_Si_030.endf, p-015_P_031.endf, p-020_Ca_040.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-026_Fe_054.endf, p-026_Fe_056.endf, p-026_Fe_057.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_063.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-074_W_182.endf, p-074_W_183.endf, p-074_W_184.endf, p-074_W_186.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,
- fizcon** A TAB1 (yield?) and an outgoing distribution don't span the same energy region.: p-002_He_003.endf,
- fizcon** All probability distributions should be normalized to 1, this one isn't.: p-004_Be_009.endf, p-013_Al_027.endf, p-014_Si_028.endf, p-014_Si_030.endf, p-015_P_031.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf,
- fizcon** Q value is wrong.: p-004_Be_009.endf,
- fizcon** Reaction can't use 2-body kinematics: p-001_H_002.endf, p-006_C_013.endf,
- fizcon** The cross section and an outgoing distribution don't span the same energy region.: p-001_H_003.endf, p-014_Si_028.endf, p-020_Ca_040.endf, p-028_Ni_058.endf, p-029_Cu_063.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,
- fizcon** The mass field (AWI) is incorrectly set.: p-001_H_001.endf, p-001_H_002.endf, p-002_He_003.endf, p-004_Be_009.endf, p-006_C_012.endf, p-006_C_013.endf, p-007_N_014.endf, p-008_O_016.endf, p-013_Al_027.endf, p-014_Si_028.endf, p-014_Si_029.endf, p-014_Si_030.endf, p-015_P_031.endf, p-020_Ca_040.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-026_Fe_054.endf, p-026_Fe_056.endf, p-026_Fe_057.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_063.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-074_W_182.endf, p-074_W_183.endf, p-074_W_184.endf, p-074_W_186.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,

fudge-4.0 Calculated and tabulated Q values disagree.: p-001_H_003.endf, p-002_He_003.endf, p-003_Li_006.endf, p-004_Be_009.endf, p-005_B_010.endf, p-006_C_013.endf,

fudge-4.0 Energy range of data set does not match cross section range: p-001_H_003.endf, p-014_Si_028.endf, p-020_Ca_040.endf, p-028_Ni_058.endf, p-029_Cu_063.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,

fudge-4.0 Found a negative probability: p-004_Be_009.endf,

fudge-4.0 I didn't expect to see that MAT here!: p-004_Be_009.endf,

fudge-4.0 Negative multiplicity found: p-020_Ca_040.endf, p-024_Cr_052.endf, p-028_Ni_058.endf,

fudge-4.0 Recoil distribution type specified, but recoil partner has unsupported distribution: p-001_H_002.endf,

fudge-4.0 Tabulated threshold below calculated threshold!: p-001_H_002.endf, p-001_H_003.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_062.endf, p-028_Ni_064.endf,

fudge-4.0 The continuum gamma spectra has big normalization trouble: p-004_Be_009.endf,

fudge-4.0 There is a gap in the cross section: p-001_H_003.endf, p-003_Li_006.endf, p-005_B_010.endf, p-006_C_013.endf,

linear Negative cross section found: p-001_H_002.endf, p-004_Be_009.endf, p-006_C_012.endf, p-007_N_014.endf, p-008_O_016.endf, p-013_Al_027.endf, p-014_Si_028.endf, p-014_Si_029.endf, p-014_Si_030.endf, p-015_P_031.endf, p-020_Ca_040.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-026_Fe_054.endf, p-026_Fe_056.endf, p-026_Fe_057.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_063.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-074_W_182.endf, p-074_W_183.endf, p-074_W_184.endf, p-074_W_186.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,

psyche A probability distribution is negative. This is bad.: p-004_Be_009.endf,

xsectplotter I didn't expect to see that MAT here!: p-004_Be_009.endf,

xsectplotter Negative multiplicity found: p-020_Ca_040.endf, p-024_Cr_052.endf, p-028_Ni_058.endf,

WARNING SUMMARY

checkr A previous error halted parsing of the current section: p-001_H_001.endf, p-001_H_002.endf, p-001_H_003.endf, p-002_He_003.endf, p-004_Be_009.endf, p-005_B_010.endf, p-006_C_012.endf, p-006_C_013.endf, p-007_N_014.endf, p-008_O_016.endf, p-013_Al_027.endf, p-014_Si_029.endf, p-014_Si_030.endf, p-015_P_031.endf, p-020_Ca_040.endf, p-024_Cr_050.endf, p-024_Cr_052.endf, p-024_Cr_053.endf, p-024_Cr_054.endf, p-026_Fe_054.endf, p-026_Fe_056.endf, p-026_Fe_057.endf, p-028_Ni_058.endf, p-028_Ni_060.endf, p-028_Ni_061.endf, p-028_Ni_062.endf, p-028_Ni_064.endf, p-029_Cu_063.endf, p-029_Cu_065.endf, p-041_Nb_093.endf, p-074_W_182.endf, p-074_W_183.endf, p-074_W_184.endf, p-074_W_186.endf, p-080_Hg_196.endf, p-080_Hg_198.endf, p-080_Hg_199.endf, p-080_Hg_200.endf, p-080_Hg_201.endf, p-080_Hg_202.endf, p-080_Hg_204.endf, p-082_Pb_206.endf, p-082_Pb_207.endf, p-082_Pb_208.endf, p-083_Bi_209.endf,

fudge-4.0 First cross section point not zero right at threshold: p-013_Al_027.endf, p-014_Si_029.endf, p-014_Si_030.endf,

fudge-4.0 Found an invalid distribution for this type of reaction: p-001_H_002.endf,

fudge-4.0 Unnormalized outgoing probability distribution: p-041_Nb_093.endf, p-082_Pb_206.endf, p-082_Pb_207.endf,